

SAF-E495-81
21 July 1981

MEMORANDUM FOR: Consolidated SAFE Steering Committee

DDA/CIA	VP/DIA
DDS&T/CIA	RS/DIA
DD/NFAC/CIA	RS-G/DIA
D/ICS	

25X1 FROM :
Director, Consolidated SAFE Project Office/ODP

SUBJECT : Third Quarter 1981 SAFE Steering Committee Meeting

1. The SAFE Steering Committee is scheduled to review the current status of the SAFE Project on 7 August 1981 at 1430-1530 in the DD/NFAC Conference Room (7E32 at CIA Headquarters).

2. The Consolidated SAFE Project Office will conduct a briefing of not more than 45 minutes. The agenda will include such topics as the status of Technical Development, current status of Block 1 and Block 3, Site and Facilities Construction, Contract Management, Administration and Financies and selected issues.

3. Members of the Steering Committee are invited to suggest additional topics for review and discussion as appropriate to the CSPO. 25X1

Distribution:

- 1 - Each Committee Member
- 1 - Compt/CIA
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- 1 - RCC/DIA
- 1 - RSD/DIA
- 1 - C/IHC
- 1 - C/SAS/OCR/NFAC/CIA
- 7 - CSPO
- 1 - ODP Registry
- 1 - Subject File
- 1 - Chrono File

25X1 CSPO/ODP/mer (21 July 81)



SAFE STEERING COMMITTEE
AGENDA

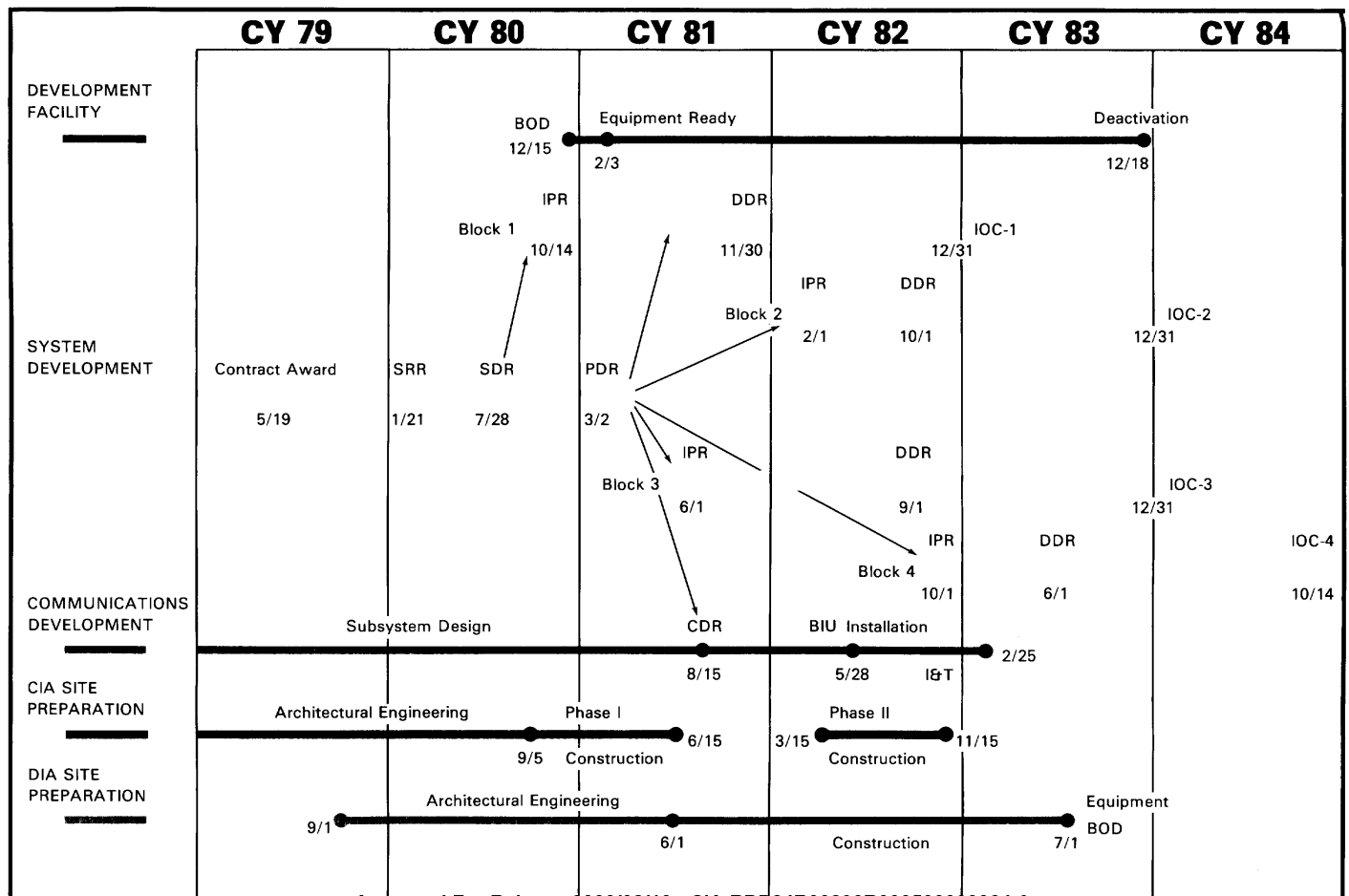
7 AUGUST 1981

- I. PROGRESS OVERVIEW
- II. DEVELOPMENT STATUS
- III. CONCERNS AND RELATED ACTIONS
- IV. FINANCIAL STATUS
- V. PROGNOSIS

CONSOLIDATED SAFE DEVELOPMENT SCHEDULE

(REVISED FOR BLOCK APPROACH)

4 November 1980





MILESTONES PASSED

- o PRELIMINARY DESIGN REVIEW - MARCH
- o INCREMENT 1 AND 2 REVIEWS - MARCH/APRIL
- o A SPEC. BASELINE APPROVAL - APRIL
- o CABLE INSTALLATION COMPLETE - MAY
- o CRR II - JUNE
- o CRYPTO MODULE CDR - JUNE
- o USER LANGUAGE DEFINITION - JUNE
- o BLOCK 3 IPR - JULY



UPCOMING MILESTONES

CIA SITE COMPLETE	AUG 1981
WBCS CDR	SEP 1981
COMPUTER INSTALLED	OCT 1981
REVISED DEVELOPMENT PLAN	OCT 1981
BLOCK 3 IPR-2	OCT 1981
BLOCK 1 IDR	NOV 1981
BLOCK 3 IDR	MARCH 1982



COMMUNICATIONS

- o WBCS CABLE INSTALLED
 - BALANCING IN PROGRESS
 - o PIU
 - LETTER CONTRACT TO
 - PDR JULY - DATA RATE SPEC.
 - CDR SEPTEMBER
 - o BIU
 - CDR NOVEMBER
 - COST
 - o CRYPTO
 - CDR ON CM AT
 - CIK PLANNED
 - COST
- 25X1
- 25X1



SITE PREPARATION STATUS

- o PHASE I RENOVATION - 15 AUGUST 1981
- o PHASE II RENOVATION - JANUARY 1982 TO OCTOBER 1982
- o FIRST B6900 COMPUTER INSTALLED - 15 OCTOBER 1981
- o INITIAL STAFFING OF OPERATIONS - MARCH 1981



CONVERSION REQUIREMENTS REVIEW (CRR-2)

- o JUNE 1981
 - ☐ CSPO/DIA INTEL ANALYSTS (WASH D.C.)
- o SAFE-D IOC DATA BASES
 - TARGETING
 - ORDER OF BATTLE
 - COLLECTION MANAGEMENT
 - LIBRARY SUPPORT
- o DATA COLLECTION COMPLETE
 - FILE
 - PROGRAM
 - PRODUCT
- o OPERATIONAL WORKSHOPS - 4 Days of CRR
 - DATA BASE DESIGN. ISSUES
 - CLARIFY FUNCTIONAL/SYSTEM REQUIREMENTS
- o CSPO ☐ ACTION ITEMS



SAFE USER LANGUAGE (SUL)

- o VALIDATED LANGUAGE FUNCTIONALITY - JUNE
- o CURRENTLY REVIEWING LANGUAGES:
 - COMMAND DESCRIPTION
 - SYNTAX
 - SEMANTICS
 - CONSOLIDATION (COMMAND/PARAMETERS)
- o PROTOTYPE USER MANUAL - JULY
- o DISKETTES (SUL SIMULATION)
- o CONTRACT SUPPORT





PRELIMINARY DESIGN REVIEW

OBJECTIVE: OVERALL SYSTEM DESIGN REVIEW TO THE
SOFTWARE "UNIT" LEVEL

SUMMARY : NOT MET. MAJOR ELEMENT MISSING.
NO "SHOW STOPPERS"

ACTIONS : 1. MANAGEMENT REVIEW
2. TECHNICAL AUDIT
3. PROCESS DESIGN DOCUMENT
4. PROJECT PERSONNEL CHANGES



CONCERNS AND RELATED ACTIONS

- o SCHEDULE SLIPPAGE
- o SOFTWARE DEFINITION
- o PLANNING
- o COMMUNICATIONS
- o MANAGEMENT



☐ KEY ISSUES

- o SOFTWARE DESIGN
 - STRUCTURE
 - DEFINITION
 - FSM
- o SOFTWARE DEVELOPMENT MANAGEMENT
 - SENIOR DESIGNERS
 - TOP MANAGEMENT
 - GOOD TECHNICIANS & MID MANAGERS
- o PLANNING
 - RESOLUTION
 - RIGOR
- o ORGANIZATION AND MANAGEMENT
 - CENTRAL DESIGNER
 - PROXIMITY
 - TECHNICAL LEADERSHIP
- o PDR
 - UNSUCCESSFUL

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BLOCK 1
FUNCTIONAL GROWTH

- INCREMENT 2.5 ("DAY ONE")
 - o BASIC SYSTEM SOFTWARE
 - o PMO (EQUIVALENT OF
NFAC'S CURRENT
PILOT MAIL
OPERATION)
- INCREMENT 3 (BY END OF BLOCK 1)
 - o DOCUMENT FILE



BLOCK 1
POPULATION GROWTH

- "DAY ONE"
 - 30 TERMINALS
 - 60 USERS
- ADD PER MONTH
 - 30 TERMINALS TO 230
 - 60 USERS TO 460
- CONVERSION, TRAINING, ETC.
 - AS APPROPRIATE



CHANGE CONTROL

- o ERROR CORRECTION - EARLY BLOCKS
- o REQUIREMENTS CHANGES
- o IMPACT



CONTRACTOR RELATIONSHIP

- o HOLD CRITICISM
- o HOLD DESIGNERS
- o RESOLVE SCOPE
- o MEASURE PROGRESS



PROGNOSIS

- o CONSISTENT PROGRESS
 - TECHNICAL LEADERSHIP
- o RIGOROUS PLANNING
 - MANAGEMENT INVOLVEMENT
- o BLOCK 1 ON SCHEDULE BUT RISKY
 - DOWN LINE IMPACT
- o COST GROWTH OF \$7-12 M
 - '83/'84

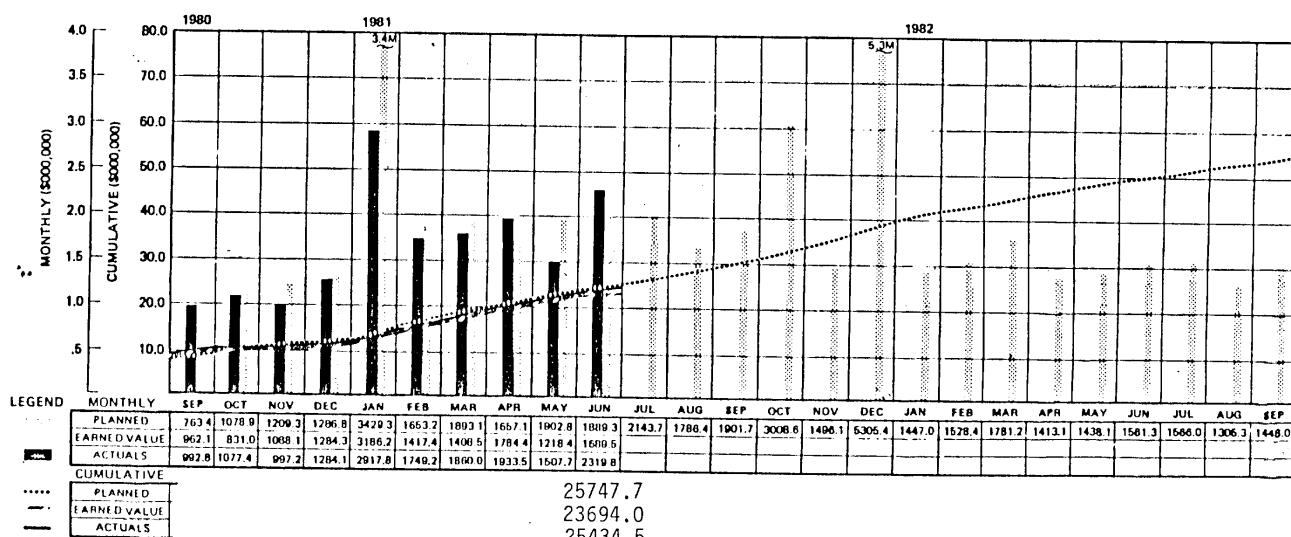
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EXPENDITURE PLAN FOR SAFE PROJECT





FY 1981 BUDGET

(DOLLARS IN THOUSANDS)

SOC	DESCRIPTION	ALLOCATIONS		
		CIA	DIA	TOTAL
2111	TRAVEL	86	50	136
2311	RENOVATIONS (SITE PREP.)	224	0	224
2543	ADP CONTRACTUAL SERVICES	14,105	7,634	21,739
	ADP CONTRACTUAL SERVICES	78	90	168
	ADP CONTRACTUAL SERVICES	15	0	15
	ADP CONTRACTUAL SERVICES	0	216	216
3107	OTHER EQUIPMENT (CRYPTO)	0	0	0
3109	ADP EQUIPMENT (TERMINALS)	292	0	292
	TOTAL	14,800	7,990	22,790



FY 1982 BUDGET

(DOLLARS IN THOUSANDS)

SOC	DESCRIPTION	ALLOCATIONS		
		CIA	DIA	TOTAL
2111	TRAVEL	100	54	154
2311	RENOVATIONS (SITE PREP.)	1,700	0	1,700
2543	ADP CONTRACTUAL SERVICES	13,181	12,121	25,302
	ADP CONTRACTUAL SERVICES	50	250	300
	ADP CONTRACTUAL SERVICES	50	0	50
	ADP CONTRACTUAL SERVICES	0	0	0
3107	OTHER EQUIPMENT (CRYPTO)	750	0	750
3109	ADP EQUIPMENT (TERMINALS)	169	319	488
	TOTAL	16,000	12,744	28,744

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 AS OF 8/3/81

<u>Change No.</u>	<u>Description</u>	<u>Negotiated</u>	<u>Proposed</u>	<u>Estimate</u>
2/3	Delete conduits & extend WBCS	516,320		
8	Harden DF	485,632		
10	Delete terminals	(3,086,357) *		
17	Performance DPR's			7-10 million
18	Compartmented Mode			450,000
19	SRR DPR's		466,854	
20	10 Year On-line		255,125	
24	Contention Protocol	259,840		
25	DDO Study	236,320		
26	Minor DPR's		202,943	
27	Delete Printers	(2,442,614)		
28	AF Tasking	299,000		
29	CIK		229,865	
30	BIU/7260T Interface		125,822	
31	Post PDR Minor DPR's			250,000
	TOTALS	(3,731,859)	1,280,609	7,700,000 to 10,700,000

* The negotiated amount represents a netted value-
 \$5,765,357 was deleted and \$2,679,000 was added



JULY VISITS

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D/DIA

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CONTINUITY

DIA INTEREST

DCI

-

DELIVER ON TIME

ANALYST SATURATION